

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

## **Amendments to the Claims**

The listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Previously Presented) An image forming apparatus, comprising:
  - a scanning unit scanning a document and outputting a scanned result;
  - a storage unit storing the scanned result inputted from the scanning unit; and
  - a printing unit reading the scanned result from the storage unit to print the scanned result;
  - a first connector connecting the storage unit to the scanning unit; and
  - a second connector connecting the storage unit to the printing unit,wherein the scanning unit comprises:
  - an input/output port;
  - a scanning control unit outputting the scanned result to the storage unit through the input/output port and the first connector;
  - a display unit displaying the scanned result; and
  - a key unit generating at least one of a searching signal, a deleting signal, and a selecting signal,wherein the storage unit is selectively connected to one of the scanning unit and the printing unit, and
  - wherein the scanning control unit scrolls the scanned result displayed on the display unit according to the searching signal of the key unit, deletes the scanned result according to the deleting signal of the key unit, selects the scanned result according to the selecting signal of the key unit, and generates a control signal to control the display unit to display the scanned result.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

5. (Cancelled)

6. (Previously Presented) An image forming apparatus, comprising:  
a scanning unit scanning a document and outputting a scanned result;  
a storage unit storing the scanned result inputted from the scanning unit;  
a printing unit reading the scanned result from the storage unit to print the scanned result;  
a first connector connecting the storage unit to the scanning unit; and  
a second connector connecting the storage unit to the printing unit,  
wherein the printing unit comprises:  
an input/output port;  
a printing control unit reading the scanned result inputted from the storage unit through the input/output port and the second connector to print the scanned result;  
a display unit displaying the scanned result read from the storage unit and inputted through the input/output port; and  
a key unit generating at least one of a searching signal, a deleting signal, and a selecting signal,  
wherein the storage unit is selectively connected to one of the scanning unit and the printing unit, and  
the printing control unit scrolls the scanned result displayed on the second display unit according to the searching signal of the key unit, deletes the scanned result according to the deleting signal of the key unit, selects the scanned result according to the selecting signal of the key unit, and generates a control signal to control the display unit to display the scanned result.

7. (Original) The apparatus of claim 1, wherein the storage unit comprises:  
a universal serial bus (USB) flash memory stick.

8. (Cancelled)

9. (Currently Amended) An image forming apparatus, comprising:

a scanning and/or printing unit scanning a document and printing the scanned result;  
and

a plurality of storage units storing the scanned result inputted from the scanning and/or printing unit,

wherein the scanning and/or printing unit prints the scanned result directly read from the storage units.

10. (Currently Amended) The apparatus of claim 9, wherein the scanning and/or printing unit comprises:

a plurality of connectors connecting corresponding ones of the storage units to the scanning and/or printing unit.

11. (Currently Amended) The apparatus of claim 10, wherein the scanning and/or printing unit further comprises:

an input/output port; and

a scanning/printing control unit outputting the scanned result to the storage units through the input/output port and corresponding ones of the connectors, and printing the scanned result inputted from the storage units through the input/output port and the corresponding ones of the connectors.

12. (Currently Amended) The apparatus of claim 11, wherein the scanning and/or printing control unit further comprises a display unit displaying the scanned result scanned from the document and read and inputted from the storage units through the input/output port, and a key unit generating at least one of a searching signal, a deleting signal, and a selecting signal, and the scanning control unit scrolls the scanned result displayed on the display unit according to the searching signal of the key unit, deletes the scanned result according to the deleting signal of the key unit, selects the scanned result according to the selecting signal of the key unit, and generates a first control signal to control the display unit to display the scanned result scanned from the document and a second control signal to control the display unit to display the scanned result and inputted from the storage units through the input/output port.

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

13. (Currently Amended) A method of an image forming apparatus, the method comprising:

scanning a document in a scanning and/or printing unit;  
storing a scanned result in a plurality of storage units;  
reading the scanned result from the storage units; and  
directly printing the scanned result read from the storage unit.

14. (Withdrawn) A scanning apparatus, comprising:

a scanning unit scanning a document and outputting a scanned result;  
at least one external storage unit detachably attached to the scanning apparatus;  
at least one internal storage unit; and

a controller detecting an attachment state of the external storage unit, and storing the scanned result in at least one of the external storage unit and the internal storage unit according to the detected attachment state of the external storage unit,

wherein the detachable external storage unit is directly connected to a printer to print the scanned result when the scanned result is stored in the external storage.

15. (Withdrawn) The apparatus of claim 14, wherein the scanned result stored in the one of the external storage unit and the internal storage unit is printed.

16. (Withdrawn) The apparatus of claim 14, comprising:

a combination apparatus mounted with a copier having a copying function.

17. (Withdrawn) The apparatus of claim 14, further comprising:

a first interface unit interfacing the external storage unit with the controller.

18. (Withdrawn) The apparatus of claim 17, further comprising:

a second interface unit, wherein the controller receives the scanned result from an outside of the scanning apparatus through the first interface unit, and outputs the scanned result inputted from the outside of the scanning apparatus through the first interface unit to the outside of the apparatus through the second interface unit, and the scanned result to be outputted to the

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

outside of the scanning apparatus through the second interface unit is printed.

19. (Withdrawn) A method of a scanning apparatus, the method comprising:  
scanning a document and outputting a scanned result in a scanning unit;  
causing an internal storage unit to be disposed inside the scanning apparatus;  
detecting an attachment state of the external storage unit to the apparatus;  
storing the scanned result in the external storage unit if it is determined that the attachment state is one in which the external storage unit is attached to the scanning apparatus;  
storing the scanned result in the internal storage unit if it is determined that the attachment state is one in which the external storage unit is not attached to the scanning apparatus; and  
directly connecting one of the internal storage unit and the external storage unit to a printing unit of the scanning apparatus to print the stored scanned result.

20. (Withdrawn) The method of claim 19, further comprising:  
storing the scanned result, which has been stored in the internal storage unit, in the external storage unit when the external storage unit is attached after the scanned result has been stored in the internal storage unit according to the detected attachment state.

21. (Withdrawn) The method of claim 19, further comprising:  
determining whether the scanned result of the internal storage unit should be stored in the external storage unit when the external storage unit is attached to the scanning apparatus;  
and  
storing the scanned result of the internal storage unit in the external storage unit upon determining that the scanned result of the internal storage unit should be stored in the external storage unit.

22. (Withdrawn) The method of claim 19, further comprising:  
determining whether a next document should be scanned upon determining that the scanned result of the internal storage unit should not be stored in the external storage unit when the external storage unit is attached to the scanning apparatus; and

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

scanning the next document upon determining that the next document should be scanned.

23. (Withdrawn) The method of claim 19, further comprising;  
determining whether a next document is ready to be scanned;  
scanning the next document upon determining that the next document is ready to be scanned; and  
storing the scanned next result in one of the internal storage unit and the external storage unit according to the detected attachment state of the external storage unit.

24. (Withdrawn) The method of claim 19, wherein the scanning of the document comprises:  
scanning the document using a combination apparatus having a copier having a copying function.

25. (Withdrawn) A scanning apparatus, comprising:  
a scanning unit scanning a document to output a scanned result; and  
a storage unit detachably attached to the scanning unit, and storing the scanned result inputted from the scanning unit,  
wherein a printing unit of the scanning apparatus directly accesses the stored scanned result to print the stored scanned result according to a user request.

26. (Withdrawn) The apparatus of claim 25, wherein the storage unit comprises:  
one of a memory stick (MS), a compact flash (CF) card, a secure digital (SD) memory card, a multimedia card (MMC), a smart media (SM) card, a universal serial bus (USB) memory card or stick, and an xD-picture card.

27. (Withdrawn) The apparatus of claim 25, wherein the storage unit is directly attached to the scanning unit.

28. (Withdrawn) The apparatus of claim 25, wherein the storage unit is not

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

connected to the scanning unit through a processing unit disposed outside of the scanning apparatus

29. (Withdrawn) The apparatus of claim 25, wherein the scanning unit comprises an input/output port connectable to a personal or portable computer which controls the scanning unit to scan the document to output the scanned result.

30. (Withdrawn) The apparatus of claim 29, wherein the storage unit is not connected to the scanning unit through the personal or portable computer.

31. (Withdrawn) The apparatus of claim 25, wherein the storage unit comprises a first sub-storage unit and a second sub-storage unit, and the scanned result is stored in the first sub-storage unit and the second sub-storage unit simultaneously.

32. (Withdrawn) The apparatus of claim 25, wherein the storage unit comprises a first sub-storage unit and a second sub-storage unit, the scanned result comprises a first sub-scanned result and a second sub-scanned result, and the first sub-scanned result and the second sub-scanned result are stored in the first sub-storage unit and the second sub-storage unit, respectively.

33. (Withdrawn) A printing apparatus, comprising:  
a printing unit; and  
a storage unit detachably attached to the printing unit and storing a scanned result,  
wherein the printing unit prints the scanned result read from the storage unit and the storage unit is not connected through a processing unit disposed outside of the printing apparatus.

34. (Withdrawn) The apparatus of claim 33, wherein the storage unit is directly attached to the printing unit.

35. (Cancelled)

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

36. (Withdrawn) The apparatus of claim 33, wherein the printing unit comprises an input/output port connectable to a personal or portable computer which controls the printing unit to scan the document to output the scanned result.

37. (Withdrawn) The apparatus of claim 36, wherein the storage unit is not connected to the printing unit through the personal or portable computer.

38. (Withdrawn) The apparatus of claim 33, wherein the storage unit comprises a first sub-storage unit and a second sub-storage unit, the scanned result comprises a first sub-scanned result and a second sub-scanned result stored in the first sub-storage unit and the second sub-storage unit, respectively, and the printing unit prints one of the first sub-scanned result and the second sub-scanned result read from the first sub-storage unit and the second sub-storage unit.

39. (Previously Presented) A scanning and printing apparatus, comprising:  
a main body;  
a scanning unit disposed in the main body scanning a document to output a scanned result;  
a printing unit disposed in the main body printing the scanned result; and  
a storage unit selectively connected to one of the scanning unit and the printing unit.

40. (Original) The apparatus of claim 39, wherein the storage unit is directly attached to the scanning unit without interference of a processing unit disposed outside of the scanning and printing apparatus.

41. (Previously Presented) The apparatus of claim 39, wherein the storage unit is detachably connected to the main body.

42. (Previously Presented) The apparatus of claim 41, wherein the storage unit is an external storage unit, and a controller connected to the main body for detecting an



attachment state of the external storage unit, and for storing the scanned result in at least one of the external storage unit and an internal storage unit according to the detected attachment state of the external storage unit.

43. (New) An image forming apparatus comprising:  
a scanner module for scanning a document to generate scanned data;  
an input/output port for removably connecting to an external storage unit; and  
a control unit for detecting an attachment state of the external storage unit with respect to the input/output port and for controlling storing of the scanned data according to the detected attachment state of the external storage unit such that when it is determined that the external storage unit is attached to the input/output port, the control unit stores the scanned data in the external storage unit.

44. (New) The image forming apparatus of claim 43, further comprising:  
a printing unit for printing the scanned data,  
wherein the printing unit reads the scanned data stored in the external storage unit to print the scanned data.

45. (New) The image forming apparatus of claim 43, further comprising:  
an internal storage unit for storing the scanned data.

46. (New) The image forming apparatus of claim 45, wherein the control unit stores the scanned data in the internal storage unit when it is determined that the external storage unit is detached from the input/output port.

47. (New) The image forming apparatus of claim 45, wherein the control unit controls storing of the scanned data stored in the internal storage unit into the external storage unit when the external storage unit is attached to the input/output port to be connected to the scanner module.

48. (New) The image forming apparatus of claim 43, further comprising:

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

a display unit for displaying information about the image forming apparatus; and  
a manipulation unit for manipulating the image forming apparatus,  
wherein, if a plurality of pieces of scanned data are stored in the external storage unit,  
at least one piece of the scanned data is selected by using the manipulation unit.

49. (New) The image forming apparatus of claim 43, wherein the input/output port comprises a universal serial bus (USB) port.

50. (New) The image forming apparatus of claim 49, wherein the external storage unit comprises a universal serial bus (USB) memory device.

51. (New) The image forming apparatus of claim 43, wherein the external storage unit comprises one selected from the group consisting of a memory stick (MS), a compact flash (CF) card, a secure digital (SD) memory card, a multimedia card (MMC), a smart media (SM) card, a universal serial bus (USB) memory card, and an xD-picture card.

52. (New) A method of storing scanned data generated by a scanner module of an image forming apparatus comprising an input/output port that is attachable to and detachable from an external storage unit, the method comprising:

scanning a document to generate scanned data;  
detecting an attachment state of the external storage unit with respect to the input/output port; and

storing the scanned data according to the detected attachment state of the external storage unit such that when it is determined that the external storage unit is attached to the input/output port, the scanned data is stored in the external storage unit.

53. (New) The method of claim 52, further comprising:  
reading the scanned data stored in the external storage device when the external storage unit is attached to the input/output port to be connected to the image forming apparatus;  
and  
printing the read scanned data.

Serial No.: 10/673,207  
Docket No.: 101-1004  
Amendment dated January 25, 2010  
Reply to the Final Office Action of November 24, 2009

54. (New) The method of claim 52, further comprising storing the scanned data in an internal storage unit of the image forming apparatus when it is determined that the external storage unit is detached from the input/output port.

55. (New) The method of claim 52, wherein the input/output port comprises:  
a universal serial bus (USB) port.

56. (New) The method of claim 52, wherein the external storage unit comprises:  
one selected from the group consisting of a memory stick (MS), a compact flash (CF) card, a secure digital (SD) memory card, a multimedia card (MMC), a smart media (SM) card, a universal serial bus (USB) memory card, and an xD-picture card.